

FIRE ISLAND INLET TO MONTAUK POINT, NY

OVERALL PROJECT BRIEFING

New York District

US Army Corps of Engineers

August 2022

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OVERVIEW



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The Fire Island Inlet to Montauk Point, NY (FIMP) Reformulation Study was completed in July 2020.

The FIMP Project was authorized for construction in December 2020, in WRDA 2020

The FIMP Project is now proceeding through design and into construction.

Funds are available from the Hurricane Sandy Disaster Relief Appropriations Act of 2013, which provides 100% Federal funding for initial construction of the project.

In order to proceed into construction, a Project Partnership Agreement (PPA) was entered into between the Corps and the State in August 2021. The State executed similar agreements with Suffolk County and five towns (Babylon, Islip, Brookhaven, Southampton, East Hampton).

The current PPA covers the initial construction phase of FIMP. The continued construction of FIMP, over 50 years, (with 30 years of renourishment) will be covered in a separate agreement.

Construction began in September 2021 under Contract 1, which included dredging of Fire Island Inlet, and placement of sand on adjacent beaches.

The following slides provide project details, as presented to local government representatives. For further details, please go to the FIMP website, www.nan.usace.army.mil/FIMP

FIMP PROJECT AREA



- **Purpose:** To reduce storm damage while maintaining or enhancing natural resources.
- **Scope:** 83 miles of ocean shoreline, 220 miles of bay shoreline, 3 Federal navigation inlets functioning as an interconnected system of ocean shoreline, inlets and estuaries



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FIMP – ONGOING STRUCTURAL & NONSTRUCTURAL EFFORTS

STRUCTURAL (S)

- Dredging Fire Island Inlet and Shoals with Sand Placement on Gilgo Beach and Robert Moses State Park
- Dredging Moriches & Shinnecock Inlets and Shoals with CPF Sand Placement
- Dredging Offshore Borrow Sites and Sand Placement (Tiana and Montauk Beaches)
- Dredging Offshore Borrow Sites and Sand Placement (Westhampton Beach)
- Groin Modification at Ocean Beach – Remove Groins after Well Relocation is functional
- Initial Coastal Process Features when Renourished (4,5 and 6)

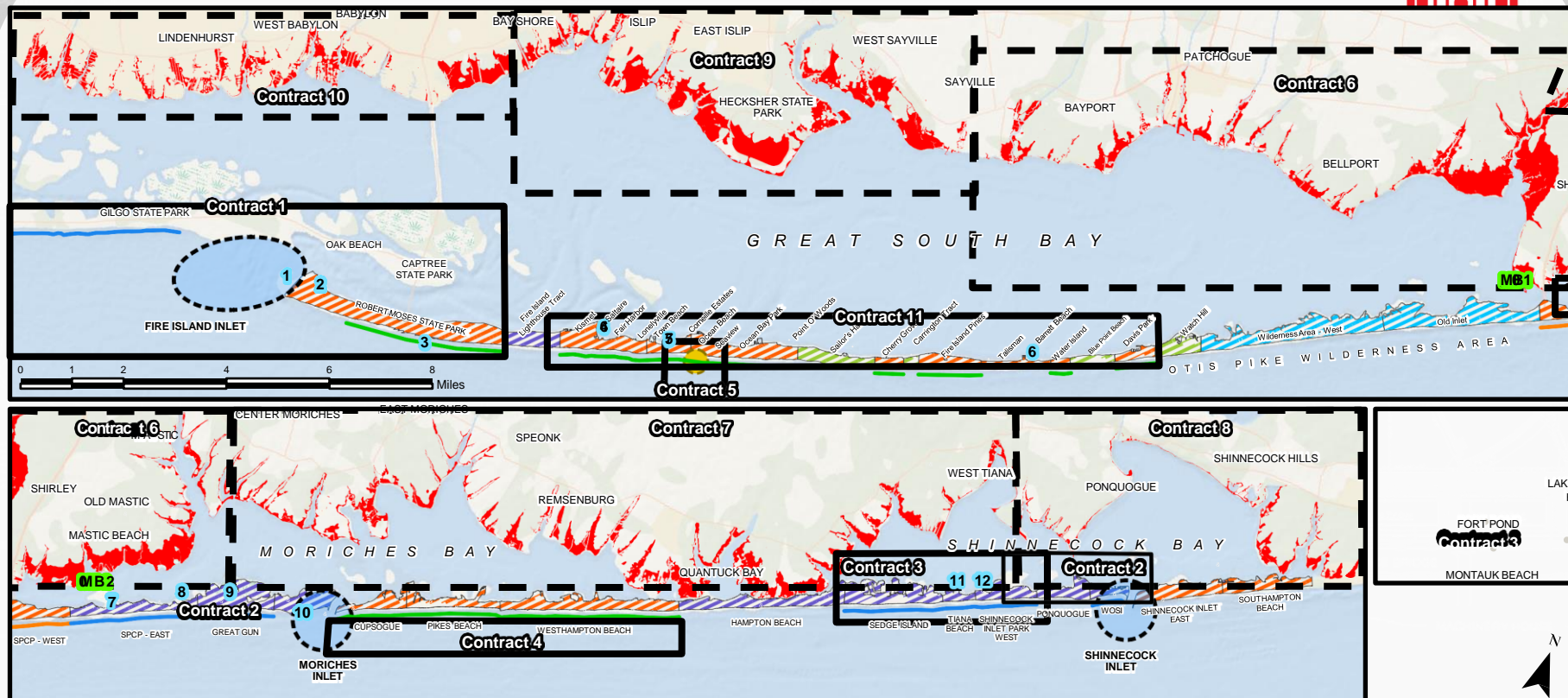
NONSTRUCTURAL (NS)

- Year 1 - Non-Structural Measures – Data collection
- Year 2 - Non-Structural Measures – Pilot Program
- Years 3 – 6 Non-Structural Measures

MAMP/ADAPTIVE MANAGEMENT TEAM

- ONGOING – BIANNUAL MEETINGS CONTINUE





Contract Number	Description	Timeline
Contract 1	Dredging Fire Island Inlet and shoals with sand placement on Gilgo Beach and Robert Moses State Park	Fall 2021
Contract 2	Dredging Moriches & Shinnecock Inlets and shoals with CPF sand placement	Award 4 Aug 2022
Contract 3	Dredging at offshore borrow sites and sand placement	Award 26 Jan 2024
Contract 4	Dredging at offshore borrow sites and sand placement	TBD
Contract 5	Groin Modification at Ocean Beach	TBD
Contract 6	Year 1 – Non-Structural measures	TBD
Contract 7	Year 2 – Non-Structural measures (1,000 structures)	TBD
Contract 8	Year 3 – Non-Structural measures (1,250 structures)	TBD
Contract 9	Year 4 – Non-Structural measures (1,250 structures)	TBD
Contract 10	Year 5 – Non-Structural measures (432 structures)	TBD
Contract 11	Initial Coastal Process Features when renourished (4,5,6)	TBD



Service Layer Credits: World Ocean Base: Esri, DeLorme, NaturalVue

May 12, 2022

Scale - 1:120,000

FIRE ISLAND TO MONTAUK POINT

Contract Extents,
CPFs, Inlets, Shoals,
Groins, and
Design Measures

Map

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Near Term Path Forward

- **Contract 2 (Moriches and Shinnecock Inlet Sand Bypassing, Placement at Coastal Process Feature Sites)**
 - ▶ Award: Sep 2022
 - ▶ Construction Start: Nov 2022

- **Contract 3 (Dredging at offshore borrow sites and sand placement)**
 - ▶ Award: Nov 2023
 - ▶ Construction Start: Jan 2024

NONSTRUCTURAL EFFORTS

PLAN FEATURES

Feasibility-level plan includes 4,432 structures within the 10% floodplain

- Elevation: 3,675 structures
- Floodproofing: 650 structures
- Acquisition: 14 structures
- Ringwalls*: 93 structures

** structural measure, but included in nonstructural analysis and summary*

IMPLEMENTATION PROCESS

CONFIRM → IDENTIFY → DESIGN → CONSTRUCT

CURRENT WORK

- Leveraging national USACE and non-USACE experts
- Phase I Data Collection: Verifying structures included in plan
 - Coordinating with state and local government for datasets
 - Virtual (Google Earth) survey

UPCOMING WORK

- Phase 2 Data Collection: Individual structure assessments
- Executing Pilot Program for selected communities





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FIRE ISLAND TO MONTAUK POINT FIMP - SANDY PROGRAM (P.L. 113-2)

COMMENTS...

QUESTIONS?

FOR MORE INFORMATION REFER TO:

WWW.NAN.USACE.ARMY.MIL/FIMP